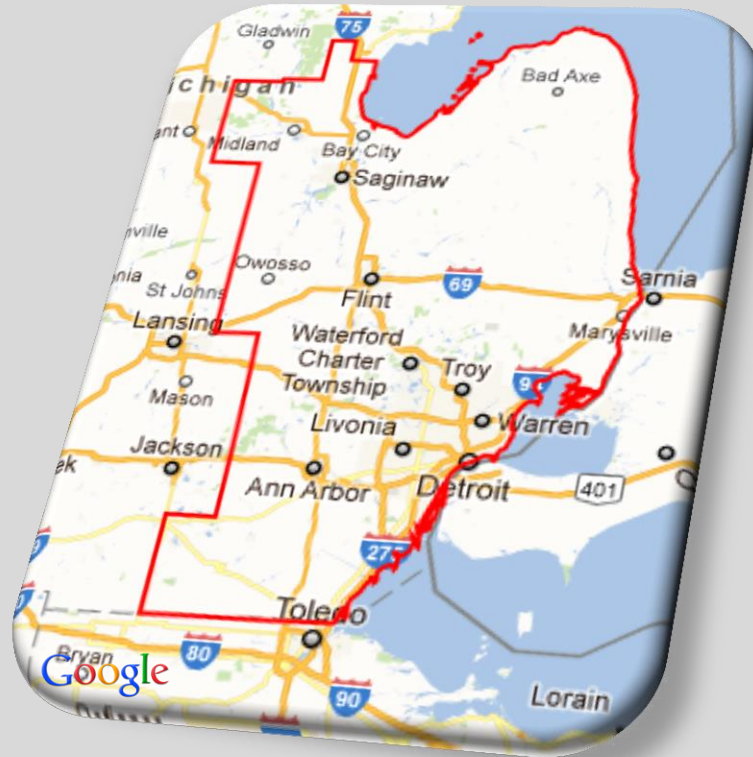




# Weather Briefing

March 11 – 12, 2014



**National Weather Service**  
**Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)

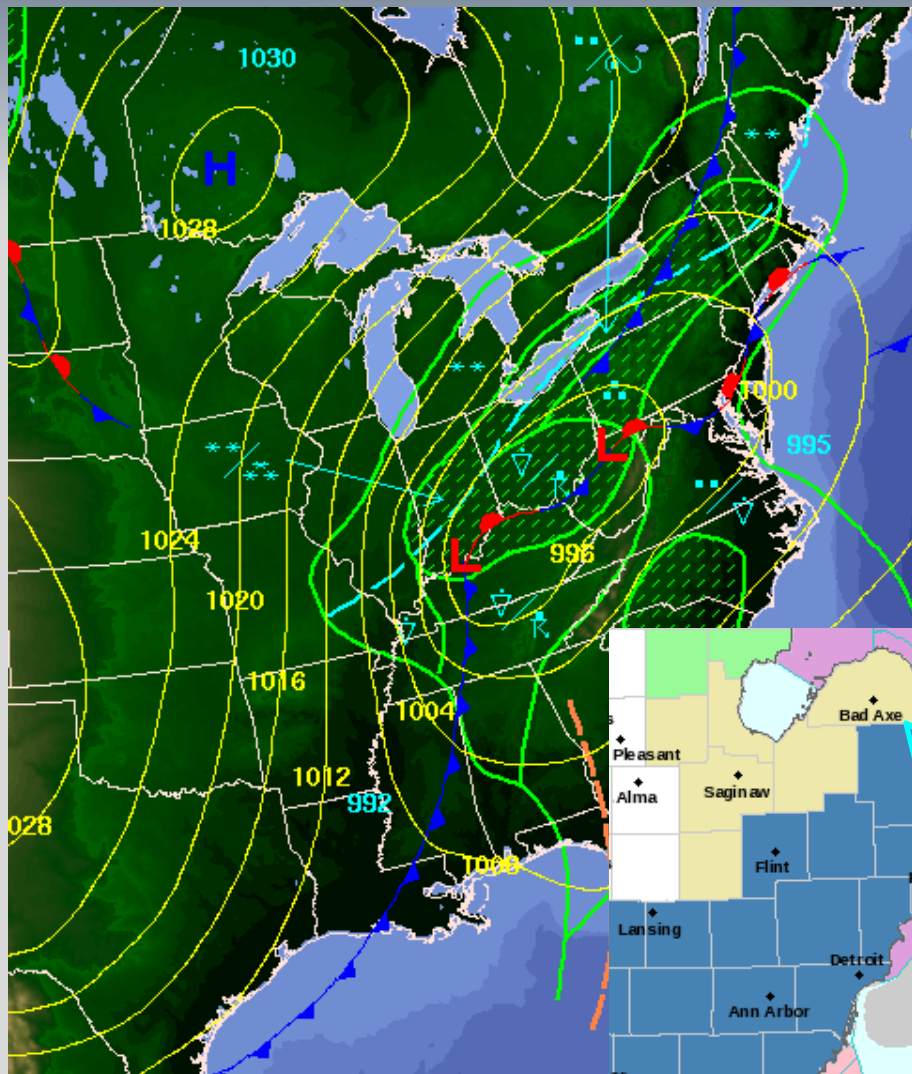


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# Decision Support Briefing Highlights



Forecast Wednesday (36 hrs)



## Event Summary

Winter Storm Watch in Effect

**Tonight and Wednesday**

**4-7" of Snow is likely  
Locally higher amounts possible  
near the Ohio border**



# Winter Hazard Risk Assessment



**Extreme**

**High**

**Moderate**



**Low**

**This Event is an  
Occasional Weather Event**

Some Disruption to Daily Life

Rarely Directly Life Threatening

**Recovery Time**

+/- 6 Hours of When Weather  
Hazard Ends

**Extreme:**

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

**High:**

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a day

**Moderate:**

- Occasional Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends



# Potential Impacts



## Road Conditions

- Snow covered and slippery conditions on untreated roads
- Air temperatures in the mid 20s.

## Additional Potential Impacts

- Low visibility in heavier snowfall
- Northerly wind gusts to 35 mph possible Wednesday

## Power Outage Potential

High

Medium

Low



## Blowing/Drifting Potential

High

Medium

Low





# Timing of Winter Weather



## Beginning

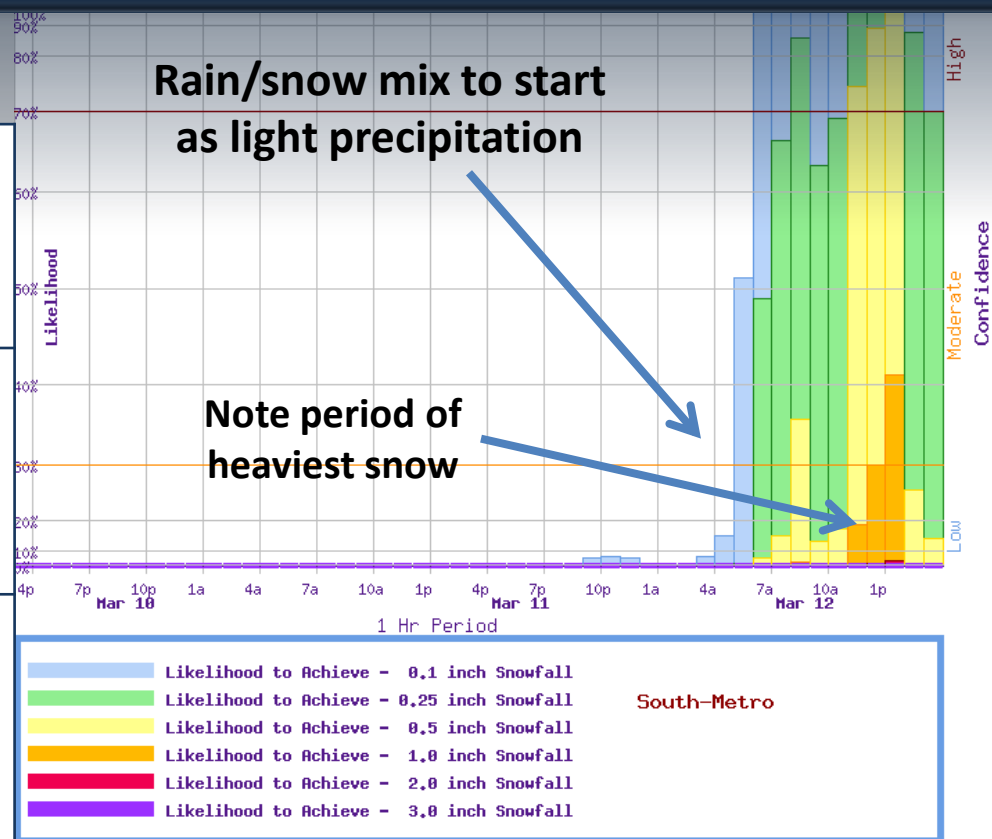
- This evening

## Heaviest

- Peak intensity  
Wednesday morning to  
early afternoon

## Ending

- Snow tapers off late  
Wednesday



Hourly Snowfall



# Storm Total Snowfall



**Snow Total Through 7 PM Wednesday**  
(in inches)

## Snow Accumulation

- 4-7 Inches Expected In Watch Area
- Generally 2-4" north of I-69

## Type of Snow

**Heavy, wet snow**

## Additional Hazards

- Low Visibilities
- Wind gusts to 35 mph Wednesday

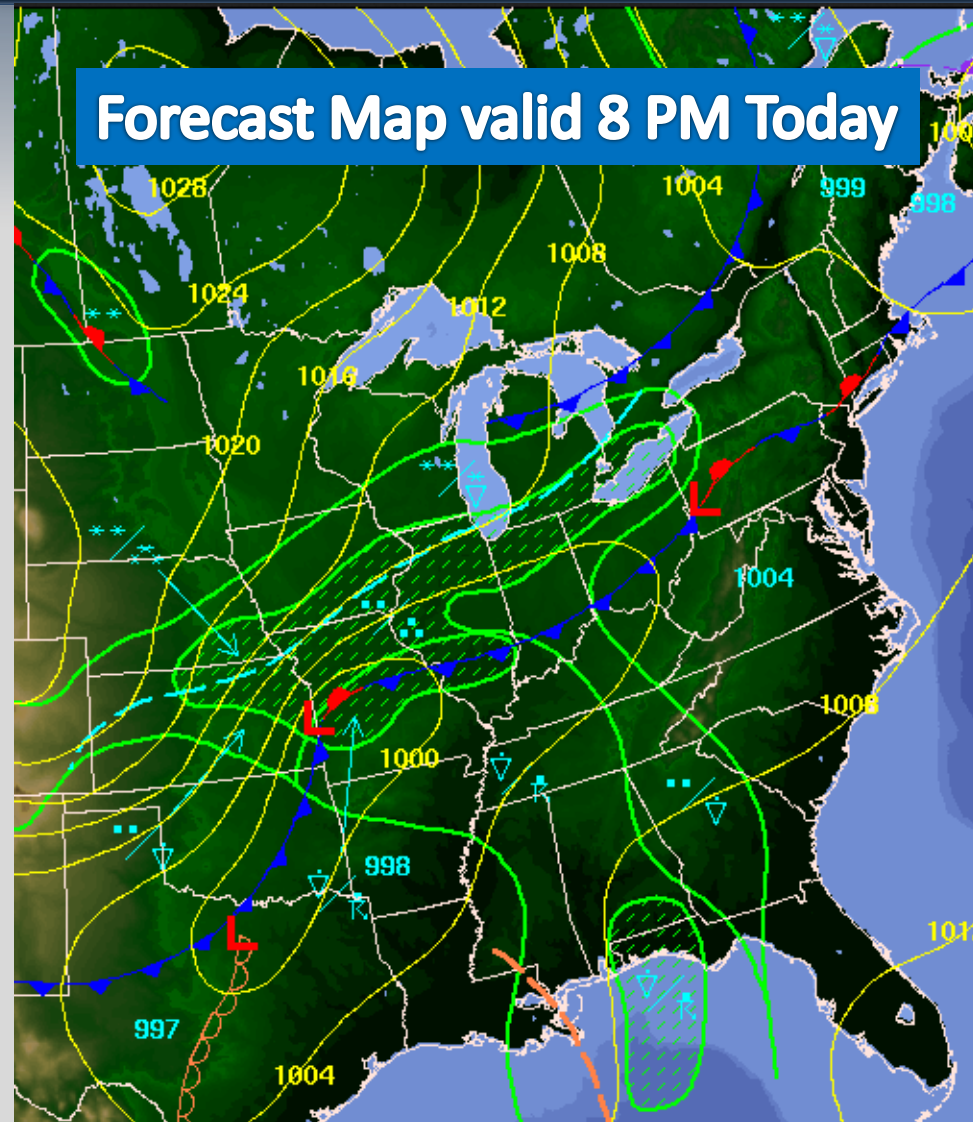




# Forecast Challenges



Forecast Map valid 8 PM Today



- The precise path of low pressure from Missouri into Ohio can have a large impact on snowfall totals
- The timing of rain to snow transition tonight can affect snowfall totals



# Decision Support Briefing Summary

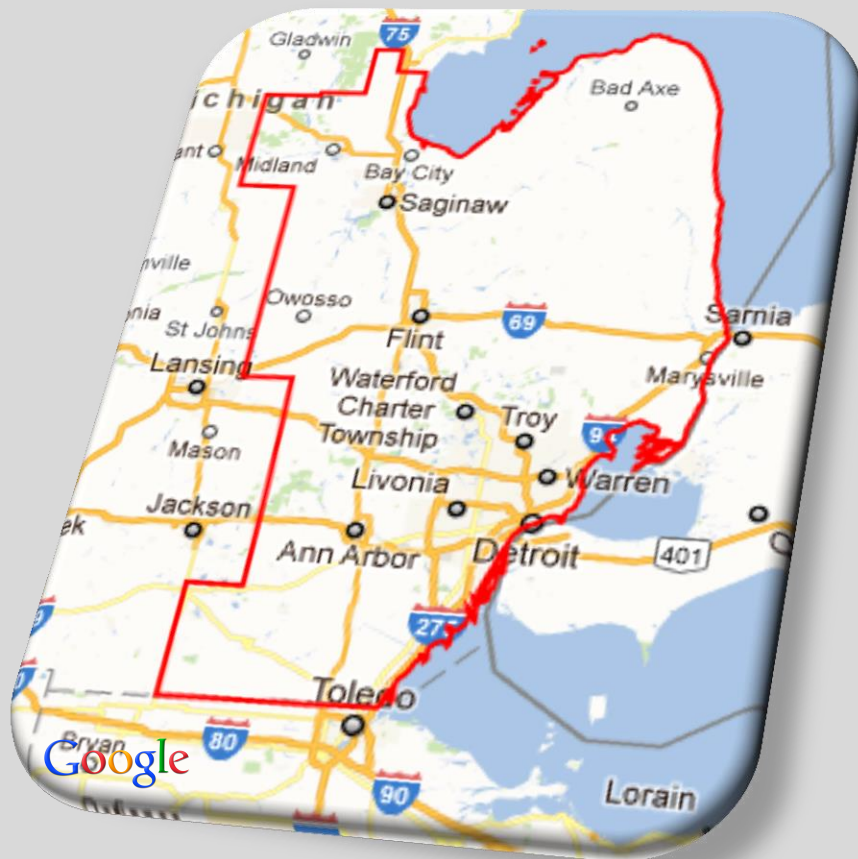


What	Where	Timing	Impacts
<b>Winter Storm Watch</b> 4 – 7 inches likely Possible to exceed 7 inches	<b>Counties along and south of I-69 including Sanilac</b>	Snow starting after sunset, ending late Wednesday afternoon	Difficult travel due to snow covered roads  Reduced visibilities
Light snow 2-4"	<b>Saginaw Valley to northern Thumb region</b>	After midnight, ending mid afternoon Wednesday	Blowing and drifting





# Additional Information



## Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

## Great Lakes Marine Portal

<http://www.weather.gov/greatlakes>

## Hourly Wind / Gust Probabilities

<http://www.crh.noaa.gov/dtx/?n=pwind>

<http://www.crh.noaa.gov/dtx/?n=pgust>

## Hourly Snowfall Probabilities

<http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities>

## NWS Detroit/Pontiac, MI

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)



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